A.I.A. File No. 10-C

BLOK-JOINT & BLOK-MESH

It Takes Both To Give Greater Strength and Protection To Masonry Walls

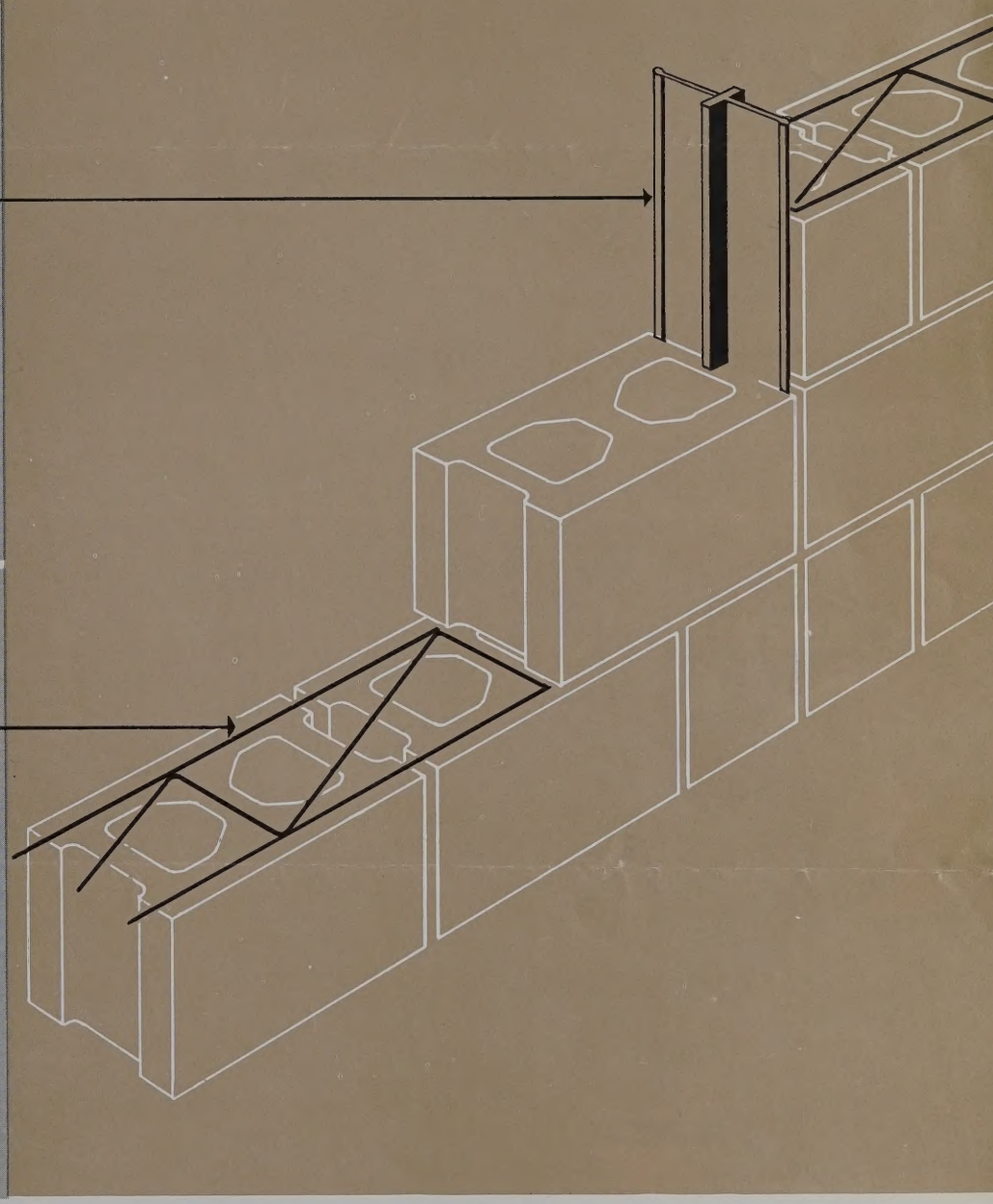
BLOK-JOINT®

U.S. PAT. 2869356

rubber control joint

BLOK-MESH®

masonry wall reinforcing



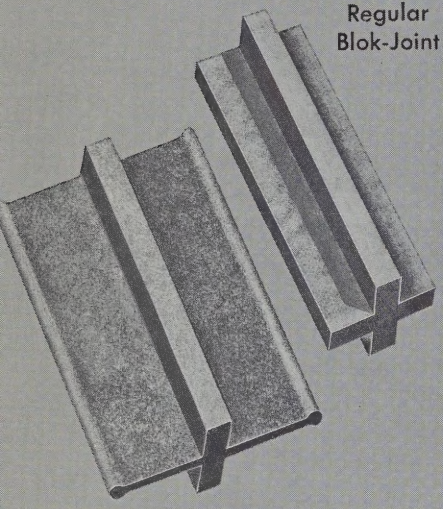
Masonry Wall Reinforcing and Control Joints

Today's accepted method of building masonry walls includes reinforcing and control joints. The reinforcing adds strength and resistance to cracking. Control joints permit slight wall movement resulting from contraction and other stress and relieves the strain in the control joint section of the wall. It takes **both** to give maximum strength and protection to masonry walls.

BLOK-JOINT®

U.S. PAT. 2869356

Regular Blok-Joint



F Blok-Joint

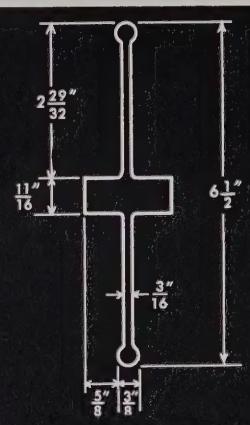
rubber control joint

Blok-Joint is a cross shaped rubber extrusion to be used with standard metal sash blocks to form a control joint in concrete masonry walls. It is available in two types, WF Blok-Joint and Regular Blok-Joint. The WF Blok-Joint is specifically designed to simplify and speed the caulking of the joint in 8″ block walls. The wide flange fills the joint to within ½″ of each face of an 8″ block wall, thus forming a convenient dam to permit complete filling for proper sealing. Inadequately thin or wastefully thick caulking is avoided.

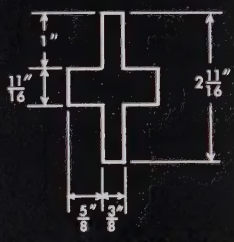
The application of Blok-Joint is extremely simple, but highly effective. It can be used in single block walls, block walls faced with other masonry and at columns or pilasters.

quick, secure interlock

The cross shape permits a quick, secure interlock and adds to the lateral stability of the wall. Simple caulking of the joint provides a weather proof seal. There are no blocks to cut or saw. No mortar or bond breaking paper is required. No special blocks are needed . . . only standard metal sash blocks.



WF Blok-Joint



Regular Blok-Joint

specifications

1000 p.s.i. tensile strengtn
Tensile strength retained
70 hrs. @ 212° oven aging—110%
168 hrs. @ 158° oven aging—105%
48 hrs. @ 158° oxygen bomb aging—90%

100% elongation
25% compression set
80 ±5 Shore Durometer
Water absorption by weight 5% maximum
Flex Test—A.S.T.M. D736-54T Did not crack or break when flexed after 5 hours at —40°F.

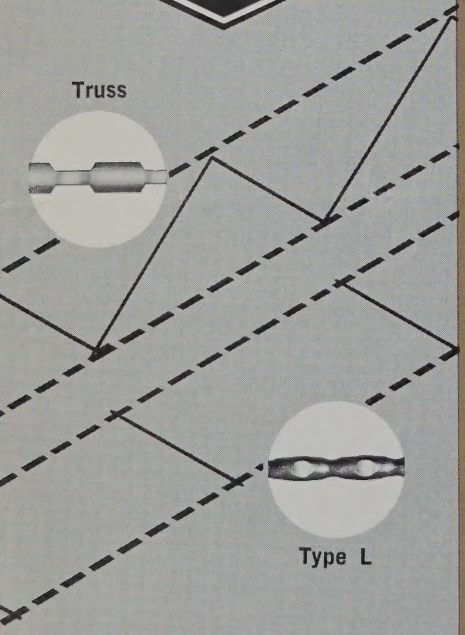
specifications

1350 p.s.i. tensile strength
Tensile strength retained
70 hrs. @ 212° oven aging — 110%
168 hrs. @ 158° oven aging—98%
48 hrs. @ 158° oxygen bomb aging—92%

230% elongation
19% compression set
60.70 Shore Durometer
Water Absorption by weight —4.4%

Flex Test—A.S.T.M. D736-54T Did not crack or break when flexed after 5 hours at —70°F.

BLOK-MESH®



swedged reinforcing

You can see at a glance the extra gripability of Blok-Mesh. It is deformed by swedging. This results in a continuous line of horizontal and vertical surfaces where the mortar seats to provide maximum bond.

The deformations are large and well defined to form effective dovetailing, yet require no more area in the joint than other superficial deforming.

The swedged surface of Blok-Mesh is safe to handle. There are no sharp burrs or rough edges to irritate the hands.

two types

Blok-Mesh is available in two types, Truss Type and Ladder Type (Type L). The Truss Type offers greater resistance to lateral pressures by virtue of the diagonal crosswire which has been omitted from the Ladder Type. The Truss Type is also available in heavy design where maximum protection is required. The Ladder Type is obtainable in a light design for less critical applications.

plain or galvanized

Blok-Mesh can be furnished in either plain or galvanized wire or may be galvanized after fabrication. It may also be obtained with plain side rods and galvanized cross rods.

Truss Type
No. 8 gauge side wire
No. 12 gauge cross wire
or
3/16″ side rod
No. 9 cross wire

Type L
No. 9 gauge side wire
No. 12 gauge cross wire
or
No. 8 gauge side wire
No. 12 gauge cross wire

CONSTRUCTION THE MATERIALS
CARTER-WATERS
KANSAS CITY CORP & MISSOURI

WF BLOK-JOINT

A.I.A. File No. 10-C

Rubber Control Joint

Architects and engineers more and more are recommending the use of control joints in erecting masonry walls. These joints allow for any slight wall movement resulting from contraction and other stresses, and relieves the strain in the control joint section of the wall.

BLOK-JOINT ®

U.S. Patent No. 2869356

WF Blok-Joint is a cross shaped, solid rubber extrusion to be used with standard metal sash blocks to form a control joint in concrete masonry walls.

WF Blok-Joint is specifically designed to simplify and speed the caulking of the joint in 8'' walls. The wide flange fills the joint to within approximately ½'' of each face of an 8'' wall, thus forming a convenient dam to permit complete filling for proper sealing. Inadequately thin or wastefully thick caulking is avoided.

The cross shape permits a quick, secure interlock and adds to the lateral stability of the wall. Simple caulking of the joint provides a weatherproof seal. There are no blocks to cut or saw. No mortar or bond breaking paper is required. No special blocks are needed... only standard metal sash blocks.

CONSTRUCTION THE MATERIALS
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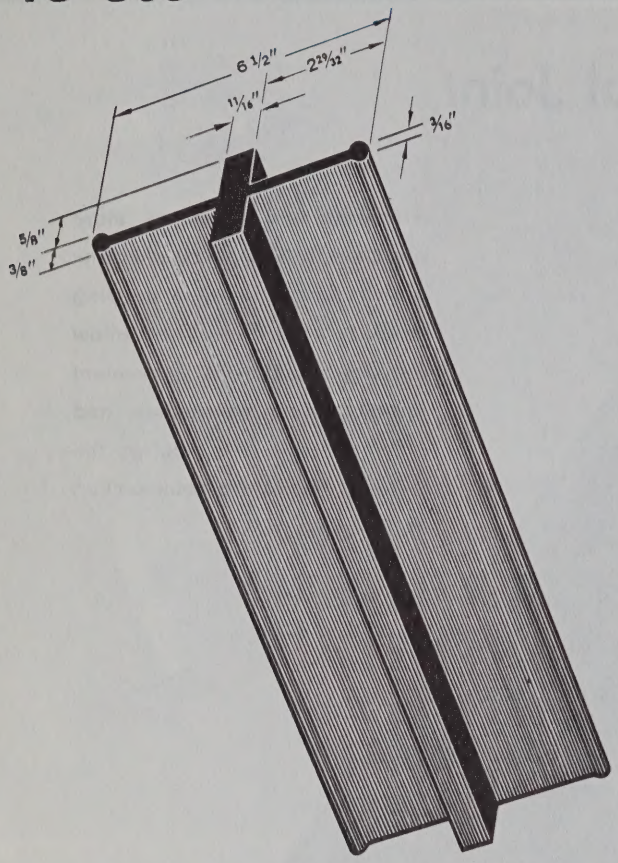
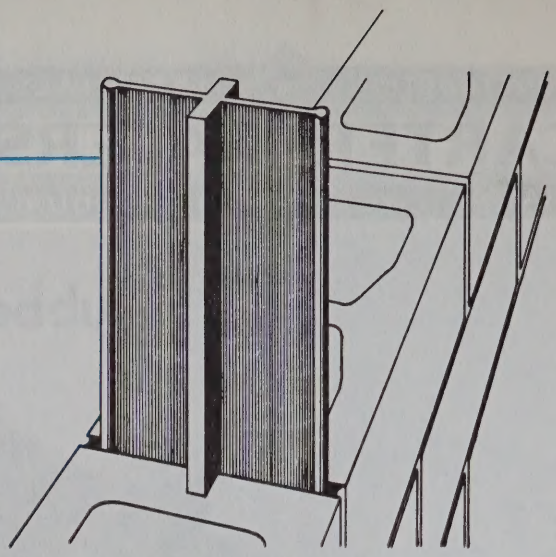
KANSAS CITY CORP & MISSOURI

2440 Pennway Ph. GRand 1-2570

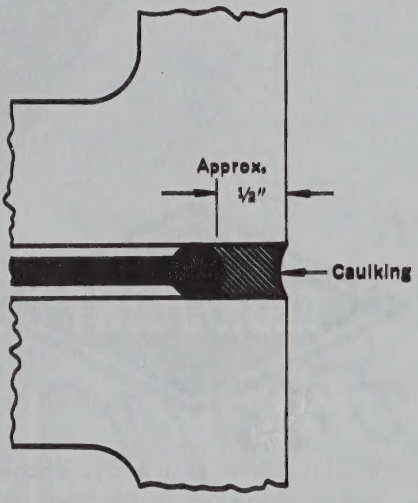
Simple, Quick, Easy To Use





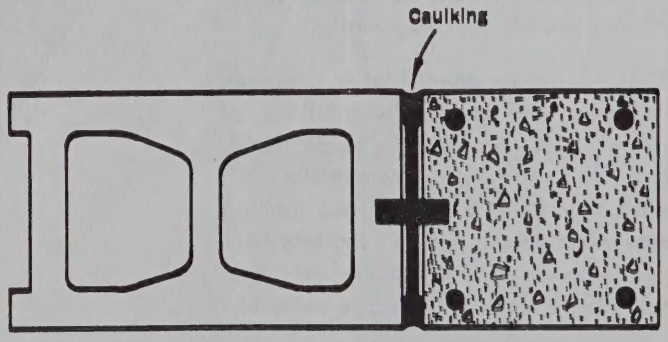
In 8" straight wall construction, WF Blok-Joint fits into the notched metal window sash block for quick placement, sure interlock and easy caulking.

Notice how wide flange fills the joint to within ½" of the face of an 8" block wall, thus forming a convenient dam to permit complete filling for proper sealing. Inadequately thin or wastefully thick areas are avoided.



Specifications for WF BLOK-JOINT

1000 p.s.i. tensile strength
Tensile strength retained
70 hours @ 212° oven aging—110%
168 hours @ 158° oven aging—105%
48 hours @ 158° oxygen bomb aging—90%
100% elongation
25% compression set
80 ± 5 Shore Durometer
Water absorption by weight—5% maximum
Flex Test—ASTM D736-54T Did not crack or break when flexed after 5 hours at —40°F.



At concrete pilaster or column, provide ¾" notch in column or pilaster by forming or by using standard anchor slot.

	WEIGHT	PRICE
25 ft. 1 pc. wrapped roll.....	37½ lbs./pc.	$0.75/lin. ft.

F.O.B. Kansas City, Mo. 200 lb. shipments freight allowed to U.S. points
Price subject to change without notice.

For maximum protection against cracks in masonry walls use Blok-Joint in conjunction with Blok-Mesh Masonry Wall Reinforcing.

CONSTRUCTION MATERIALS
CARTER-WATERS
KANSAS CITY CORP. MISSOURI
2440 Pennway GRand 1-2570

CONSTRUCTION THE MATERIALS
CARTER-WATERS
KANSAS CITY CORP 8 MISSOURI

BLOK-JOINT

Rubber Control Joint

Architects and engineers more and more are recommending the use of control joints in erecting masonry walls. These joints allow for any slight wall movement resulting from contraction and other stresses, and relieves the strain in the control joint section of the wall.

BLOK-JOINT®

U.S. Patent No. 2869356

With "cross shape" construction to permit quick, secure interlock and to aid in maintaining lateral stability.

The control joint designed for use with standard metal window sash blocks.

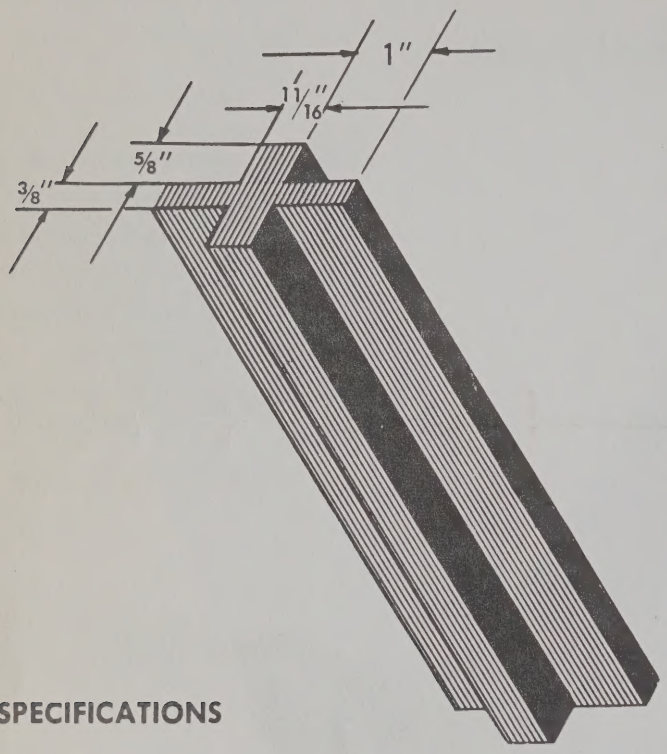
Eliminates the need for using building paper and mortar fill. No expensive cutting or sawing.

Molded of "100 year life" rubber to provide maximum protection against cracks in masonry walls.

CONSTRUCTION THE MATERIALS
CARTER-WATERS
KANSAS CITY CORP 8 MISSOURI

2440 Pennway
Ph. GRand 1-2570

Blok-Joint offers versatility in control joints



SPECIFICATIONS

1350 p.s.i. tensile strength

Tensile strength retained
70 hrs. @212° oven aging –110%
168 hrs. @158° oven aging – 98%
48 hrs. @158° oxygen bomb aging –92%

230% Elongation

19% Compression set

60-70 Shore Durometer (Type A)
86% Hardness

Water absorption by weight – 4.4%

Flex Test – ASTM D736-54T
Did not crack or break when flexed after 5 hrs. @–70° F.

Meets following ASTM & Federal Specifications

ASTM – D412 – 49T

ASTM – D676 – 49T

ASTM – D395 – 49T
(Method "B" revised)

ASTM – D572 – 48

Federal – ZZR601a – 115

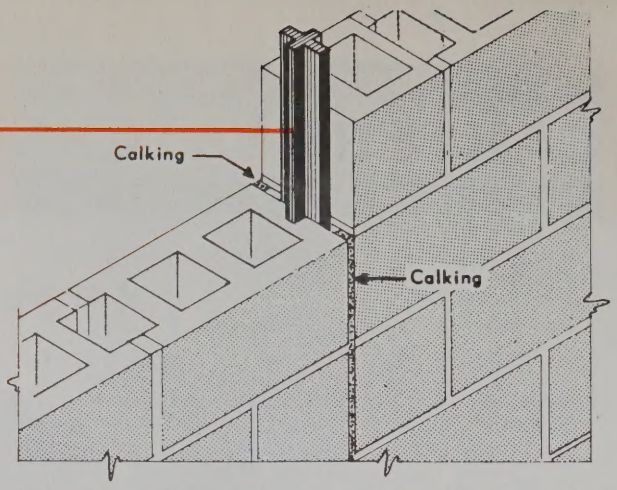
Federal – ZZR601a – II-14

PRICES

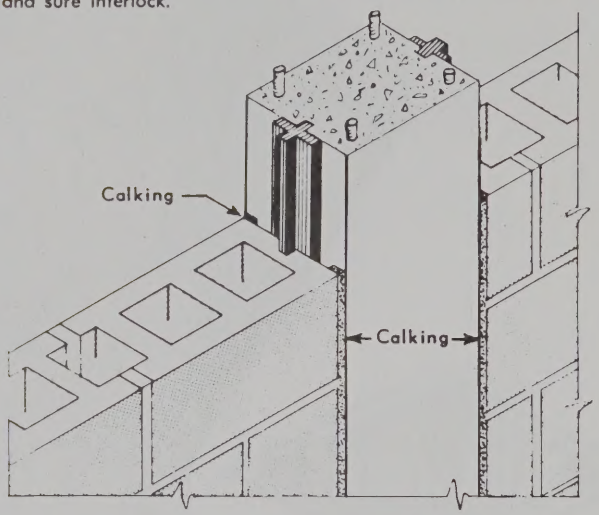
	WEIGHT	PRICE
8" lengths—50 per box	8 oz./pc.	$0.50/pc.
24" lengths—25 pcs.—wrapped bundle	1½ lbs./pc.	$1.50/pc.
48" lengths—10 pcs.—wrapped bundle	3 lbs./pc.	$3.00/pc.
50 ft. 1 pc. wrapped roll	37½ lbs./pc.	$0.65/ft.

F.O.B. Kansas City, Mo. 200 lb. shipments freight allowed to U.S. points
Prices subject to change without notice.

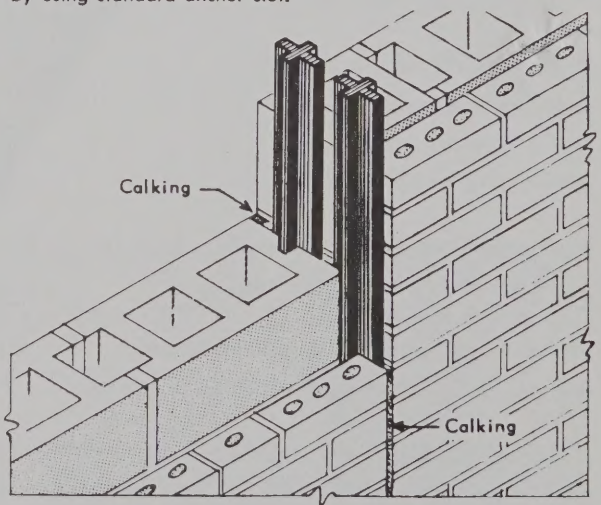
For maximum protection against cracks in masonry walls use Blok-Joint in conjunction with Blok-Mesh Masonry Wall Reinforcing.



For straight wall construction. See how Blok-Joint fits into the notched metal window sash block, providing quick placement and sure interlock.



At concrete pilaster or column, Blok-Joint offers the same fast installation. Provide notch in column or pilaster by forming or by using standard anchor slot.

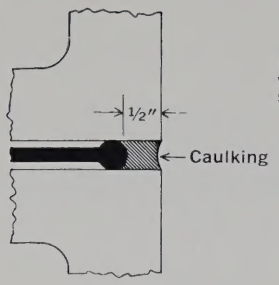


Blok-Joint's great versatility includes such installations as the one shown above. Here you see blocks used as a back-up wall to brick veneer. Notice that Blok-Joint, with its "cross shaped" construction is adaptable for both the block wall and the brick veneer.

CONSTRUCTION THE MATERIALS
CARTER-WATERS
KANSAS CITY CORP 8, MISSOURI
2440 Pennway Ph. GRand 2570

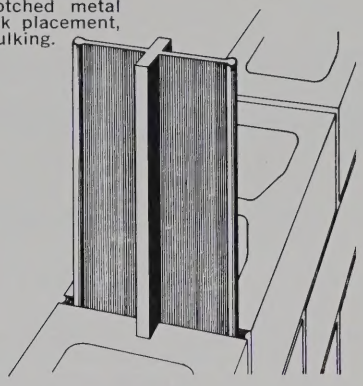
d in U.S.A.

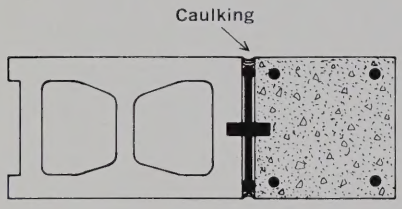
applications



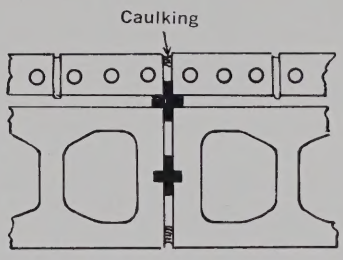
Notice how the wide flange fills the joint to within ½″ of the face of an 8″ block wall, thus forming a convenient dam to permit complete filling for proper sealing. Inadequately thin or wastefully thick caulking is avoided.

In 8″ straight wall construction, WF Blok-Joint fits into the notched metal window sash block for quick placement, sure interlock and easy caulking.





At concrete pilaster or column, provide ¾″ notch in column or pilaster by forming **or by using standard anchor slot.**



Regular Blok-Joint is adaptable to both back-up walls and veneer facing.

ordering data

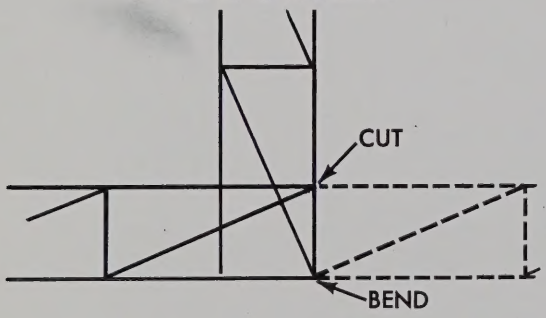
BLOK-JOINT

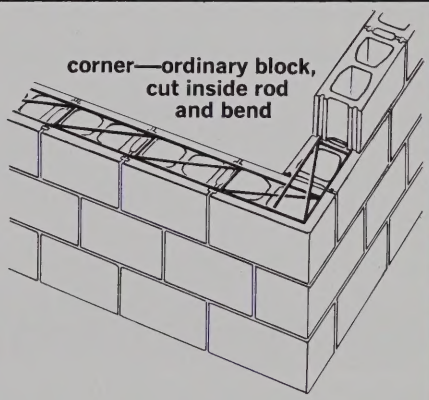
Regular Blok-Joint is available in four different lengths for convenience in handling in large or small quantities. When ordering specify lengths desired. WF Blok-Joint is available in 25′-0″ rolls only.

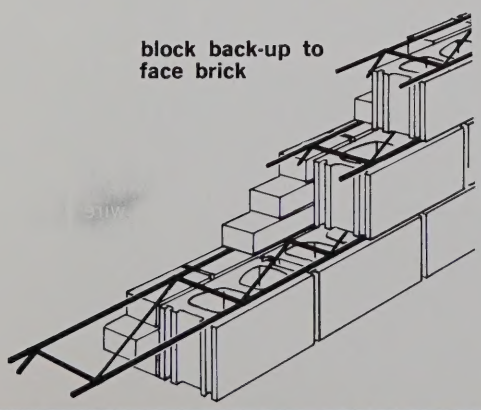
lengths BLOK-JOINT	Weight per piece	Packaged
8″	8 ozs.	50 pcs./box
24″	1½ lbs.	25 pcs. wrapped bundle
48″	3 lbs.	10 pcs. wrapped bundle
25′-0″ (WF Blok-Joint only)	37½ lbs.	1 pc. wrapped roll
50′-0″	45 lbs.	1 pc. wrapped roll

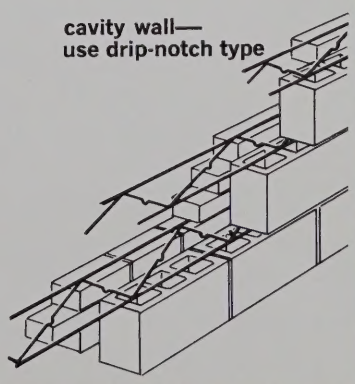
architectural specifications—next page

TRUSS TYPE ILLUSTRATED
TYPE L SIMILAR









BLOK-MESH

Blok-Mesh is manufactured in widths to accommodate all standard thicknesses of masonry walls. Actual widths are as follows:

thickness of masonry wall	width of BLOK-MESH
4″	2½″
6″	4½″
8″	6″
10″	8″
12″	10″

Truss Type Blok-Mesh is packaged in bundles of 42 pieces (504 lineal ft.) Type L is furnished in 10 ft. lengths and packaged in 500 lineal ft. bundles.

Both types can be furnished plain or galvanized, either before or after fabrication. Also available with plain side wires and galvanized cross wire. Cross wires with drip notch may be specified.

architectural specifications—next page

Blok-Joint and Blok-Mesh for use in masonry wall construction

suggested specifications

BLOK-JOINT®

U.S. PAT. 2869356

rubber control joint

BLOK-JOINT

Control joints shall be employed in all concrete masonry walls and as indicated on the architect's drawings. All such control joints will be constructed with (Regular or WF BLOK-JOINT) and standard metal sash block.

Control joints shall be spaced as shown on drawings or in absence of detail at a distance equal to twice the height of the wall or 30′-0″ o.c. whichever is less.

When control joints occur at junction of masonry walls and concrete columns or pilasters, a groove shall be formed in the concrete to receive the BLOK-JOINT.

Concrete block walls faced with other masonry units shall also utilize BLOK-JOINT between the facing material and the back-up block.

Joint reinforcing shall not extend through the control joint. Control joint shall be sealed with a caulking compound approved by the architect.

BLOK-MESH®

wire reinforcing

BLOK-MESH

Reinforcement for walls of brick, tile or concrete masonry units shall be (Truss Type Blok-Mesh or Type L Blok-Mesh) with swedged side wires, and shall conform with material requirements of A.S.T.M. standard A-82-34 for high tensile steel.

BLOK-MESH shall be placed in every course or every second course, and below all sills, and over all lintels. At corners, cut inside rod, and bend to proper angle. Lay reinforcing on walls and cover with mortar, then bed unit as usual.

BLOK-MESH shall not pass through vertical control joints.

where to buy

Blok-Mesh and Blok-Joint are available through many local concrete block manufacturers . . . from building material dealers . . . if you are unable to find Blok-Mesh or Blok-Joint locally, contact The Carter-Waters Corporation direct.

AVERY CLASSICS AT 1355 C24 1963

printed in U. S. A.

Blok-Joint and Blok-Mesh are manufactured by Carter-Waters Corp., 2440 Pennway, Kansas City, Mo., Phone GRand 1-2570.